

1A Avg.

200 Volts

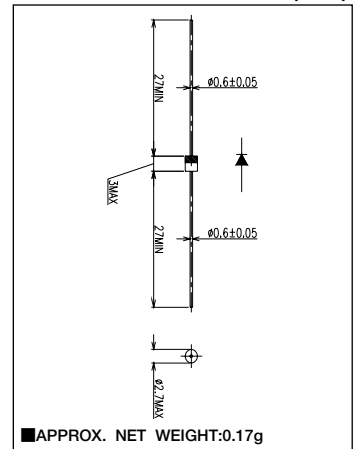
SBD

10EHA20

■最大定格 Maximum Ratings

Item	Symbol	Conditions	Unit	
くり返しピーク逆電圧 Repetitive Peak Reverse Voltage	$V_{RRM}$	200	V	
平均整流電流 Average Rectified Forward Current	$I_O$	50Hz、正弦半波通電抵抗負荷 50Hz Half Sine Wave Resistive Load	1.0 0.9	A A
実効順電流 R.M.S. Forward Current	$I_F(RMS)$	1.57	A	
サージ順電流 Surge Forward Current	$I_{FSM}$	20 50Hz正弦半波、1サイクル、非くり返し 50Hz Half Sine Wave, 1cycle, Non-repetitive	A	
動作接合温度範囲 Operating Junction Temperature Range	$T_{jw}$	-40~+150	°C	
保存温度範囲 Storage Temperature Range	$T_{stg}$	-40~+150	°C	

■OUTLINE DRAWING(mm)



■電氣的・熱的特性 Electrical/Thermal Characteristics

Item	Symbol	Conditions	Min.	Typ.	Max.	Unit
ピーク逆電流 Peak Reverse Current	$I_{RM}$	$T_j=25^{\circ}C, V_{RM}=V_{RRM}$	—	—	200	mA
ピーク順電圧 Peak Forward Voltage	$V_{FM}$	$T_j=25^{\circ}C, I_{FM}=1A$	—	—	0.90	V
熱抵抗 Thermal Resistance	$R_{th(j-a)}$	接合部・周囲間 Junction to Ambient	—	—	110	°C/W
		基板実装* P.C.Board mounted*	—	—	140	°C/W
		Without P.C.Board mounted	—	—	140	°C/W

\* Print Lands=5×5mm, Both sides

■定格・特性曲線

